Trade Policy Analysis with Gravity Models  
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Course Outline: The goal of the course is to serve as a practical guide for trade policy analysis with the structural gravity model, i.e., the workhorse model in international trade. The course traces the evolution of the gravity model from its initial a-theoretical applications to the most recent structural developments, e.g., dynamic gravity, and it offers a comprehensive and balanced approach between theory and empirics. Rigorous theoretical exposition is combined with a series of applications and empirical exercises, including estimation of the partial and the GE effects of FTAs and MFN tariffs within the same theory-consistent framework.

Type: Lecture. No computers required.

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Type: Lecture/ Hands-on. Lecture + Computers with Stata required.

Session 4: General Equilibrium Analysis with the Gravity Model. Theory  
Type: Lecture. No computers required.

Session 5: General Equilibrium Analysis with the Gravity Model. Applications.  
Type: Lecture/ Hands-on. Lecture + Computers with Stata required.

Type: Lecture. No computers required.

Course Readings

Required Readings. The course is developed around the following book and the accompanying two working papers, which are extended versions of the book's two main chapters. The book, along with data and Stata codes can be downloaded for free at https://vi.unctad.org/tpa/web/vol2/vol2home.html


**Highly Recommended Readings.** The required readings cover a large number of important related studies and I refer the interested reader to the bibliography sections of the above papers. The following are some influential academic papers that are most closely related to the course material.


**Highly Recommended Survey Readings.** The following are excellent surveys that complement the main reading materials for the course.


**Further details on course can be found at:** [http://yotoyotov.com/gravity.html](http://yotoyotov.com/gravity.html)